

AMENDMENTS

Please enter the following amendments without prejudice or disclaimer.

In the Claims:

Please amend claims 1, 2, 60, 63 and 75 as follows.

B1
1. (Amended) A population of conjugate molecules, said conjugate molecules comprising an antigen and a polynucleotide comprising an immunostimulatory sequence (ISS), wherein the polynucleotide is greater than 6 and less than about 200 nucleotides in length and wherein the extent of conjugation in the population is such that the ratio of (i) concentration of ISS-antigen conjugate required for 50% inhibition of binding of antigen-specific antibody to antigen to (ii) concentration of antigen required for 50% inhibition of antigen-specific antibody to antigen is about 3.5 to about 6.0.

B2
2. (Twice Amended) A population of conjugate molecules, said conjugate molecules comprising an antigen and a polynucleotide comprising an immunostimulatory sequence (ISS), wherein the polynucleotide is greater than 6 and less than about 200 nucleotides in length, wherein the antigen is an allergen, and wherein the extent of conjugation in the population provides a 40% histamine release ratio of greater than about 500, said ratio calculated as the ratio of (i) concentration of ISS-antigen conjugate required for about 40% histamine release from basophils from an antigen-sensitized individual to (ii) concentration of antigen required for about 40% histamine release from basophils from an antigen-sensitized individual.

B3
60. (Amended) The population of claim 55, wherein said immunostimulatory sequence comprises the sequence 5'-purine, purine, C, G, pyrimidine, pyrimidine, C, G-3'.

B4
63. (Amended) A population of conjugate molecules, said conjugate molecules comprising an antigen and a polynucleotide comprising an immunostimulatory sequence (ISS),

B4 cast wherein the polynucleotide is greater than 6 and less than about 200 nucleotides in length and wherein the extent of conjugation in the population provides an average of at least 5.5 ISS-containing polynucleotides per antigen molecule.

B5 75. (Amended) A population of conjugate molecules, said conjugate molecules comprising an antigen and a polynucleotide comprising an immunostimulatory sequence (ISS), wherein the polynucleotide is greater than 6 and less than about 200 nucleotides in length and wherein the extent of conjugation in the population provides an average ratio of (i) average mass of ISS-containing polynucleotide to (ii) average mass of antigen of at least 1.1.
